

## NIF and JLF User Group Meeting 2014

## **AGENDA** February 9 -12, 2014 **Lawrence Livermore National Laboratory**

Sunday, February 9

5:00 pm Registration Begins Pleasanton Sheraton, Please note: This is a NEW location Pleasanton Pleasanton Sheraton - Four Points Hotel

5115 Hopyard Rd, Pleasanton, CA (925) 460-8800

5:00 - 7:30 pm Reception/Check-in

Monday, February 10

Continental Breakfast LLNL **B543 Atrium** 7:30 am

**Registration Continues** 

**Opening Session** 

Session Chair: Chris Keane, LLNL

8:30 **B543** Auditorium

> Chair, NIF User Group, Oxford University Chair, JLF User Group, University of Michigan Carolyn Kuranz Bret Knapp

Justin Wark

Jeff Wisoff Kirk Levedahl

Sean Finnegan

Don Haynes

(LANL)

LLNL, Director (Acting)

LLNL, NIF&PS, Principal Associate Director (Acting)

DOE/NNSA

DOE/Office of Science

9.10 Status of the NIF Jeff Atherton

(LLNL)

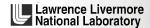
Hydrodynamics Experiments on the NIF: Scientific Accomplishments and Opportunities.

10:15 **BREAK** 



9:45





## Monday, February 10 – Con't Monday, February 10

	NIF Experiments Session Chair: Chris Keane, LLNL			
10:30 am	Probing Matter at Gbar Pressures at the NIF	Dominik Kraus		
11:00	Planetary Science on the NIF	(UC Berkeley) Sarah Stewart		
11:30	Group Photo: Lunch	(Harvard) B543 Atrium		
	NIF Experiments (continued) Session Chair: Justin Wark			
12:30 pm	Prospects for Collisionless Shock Experiments on the NIF	Anatoly Spitkovsky (Princeton) Amy Lazicki (LLNL)		
1:00	X-Ray Diffraction on the NIF			
1:30	Fundamental Science – The Path Forward	Chris Keane Justin Wark		
2:00	BREAK	B543 Atrium		
2:30-5:30 pm	Poster Session I			
	Tuesday, February 11			
7:30 am	Continental Breakfast Registration Continues	B543 Atrium		
8:00	Opening Remarks Jupiter User Group	<b>B543 Auditorium</b> Carolyn Kuranz		
	LLNL, Physical and Life Sciences, Associate Director	Glenn Fox		
	Jupiter Experiments Session Chair: Carolyn Kuranz			
8:15	Update on the JLF Facility	Bob Cauble (LLNL)		
8:45	Magnetized Laser Astrophysics Experiments	Julien Fuchs (Ecole Polytechnique) Louise Willingale (Univ. of Michigan)		
9:15	The Interaction of a Relativistically Intense Laser Pulse with Near-Critical Density Plasma			
9:45	Developing Broadband Optical Diagnostics to Probe Material Properties Under Dynamic Loading	Suzanne Ali (UC Berkeley)		
10:00	BREAK			

## Tuesday, February 11 – Con't

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10:30	Formation of the Earth-Moon system: Laser Shock Studies on Janus	Dylan Spaulding (Harvard)	
11:00	Development of Betatron X-ray Sources for High Energy-Density Science at the Jupiter Laser Facility	Felicie Albert (LLNL)	
11:30	LUNCH		
12:15 pm	NUG User Group meeting Session Chair: Justin Wark Platforms- Capabilities and Available Information	Warren Hsing (LLNL)/Peg Folta (LLNL)	
1:00	JLF User Meeting Session Chair: Carolyn Kuranz		
2:00-5:00	Poster Session II	B543 Atrium	
5:30	Adjourn to Banquet		
6:00 pm	Banquet	Casa Real at Ruby Hill Winery	
	Wednesday, February 12	Thir whicry	
7:30 am	Continental Breakfast Registration Continues	B543 Atrium	
8:00	Opening Remarks: Chair, NIF User Group LLNL, Deputy Director for Science and Technology	<b>B543 Auditorium</b> Justin Wark William H. Goldstein	
8:15	Status of the NIF Ignition Program	John Edwards (LLNL)	
9:00	User Needs on JLF/NIF	Committees	
9:30-12:00 pm	Poster Session III	B543 Atrium	
12:00	Summary and Wrap-up Discussion	Justin Wark Carolyn Kuranz Chris Keane Bob Cauble	
12:30	Lunch		
1:30 5:00 pm	NIF and JLF Tours Adjourn		